

REMARKS

This Request for Continued Examination (RCE) is a response to the Office action of November 1, 2007.

New dependent claims 33-35 have been added to further define the present invention.

Claims 19, 23, 31 and 32 have been rejected under 35 USC 102(b) as being anticipated by Begemann et al. The "ring lenses" referred to in the rejection are shown in more detail in Fig. 3 of that patent and clearly are not ring lenses but rather are planar lenses 45. See lines 15-18 of col. 6 of the patent and Fig. 3. If the rejection is referring to conical reflector 43, that is not a lens at all. Thus, ring lenses at least partially surrounding a corresponding LED is not disclosed in the reference.

Element 42 of Begemann et al. is a transparent envelope and not a lens. See col. 9, lines 45-53 stating:

said primary optical system being provided with a primary reflector (41) on which the LED chip (30) is provided and with a transparent envelope (42) in which the LED chip (30) is embedded.

Element 43 of Begemann et al. is a conical reflector and not a lens. See col. 6, lines 10-14, stating:

The LED chip 30 with its primary optical system 41, 42 is arranged in a narrow end portion 43_a of a secondary, conical reflector 43 which forms a secondary optical system. The secondary reflector 43, here made of acrylate, is coated with a reflecting material 43_b,

and col. 9, lines 49-55, stating:

said secondary optical system (43) being provided with a secondary reflector (43) in whose comparatively narrow end portion (43_a) the LED chip is positioned.

Element 45 is a lens. See col. 6, lines 17-18, stating

The lens 45 and the secondary reflector 43 then together form a secondary optical system.

and col. 9, lines 53-55, stating:

the secondary reflector (43) supports a lens (45) at an end (43_c) opposite the comparatively narrow end portion (43_a).

Fig. 3 of the Begemann et al. patent is reproduced here.

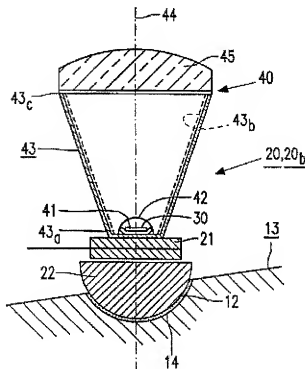
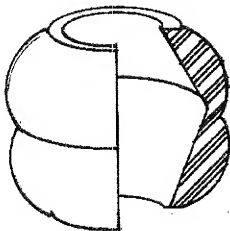


FIG. 3

An isometric, partly in section, drawing of a portion of Fig. 9A of the present application, which includes the ring lens (shown as a double) with a portion of the ring lens being canted in section, would appear as follows.



This is clearly different from Begemann et al. both in structure and function.

The apparent inclined nature of the light shown in Figs. 11 and 12 in Begemann et al. is due to the light from the overhead structure being projected at an angle to the surface upon which it impinges.

The present claims recite ring lenses and at least a portion of each is canted in section and is arranged to provide a canted radial beam at an angle to the plane on which the LEDs are arranged. This is not shown or disclosed in the reference as shown by a comparison of the two drawings above.

A request for a one month extension of time is being filed herewith so that the filing of this response is timely. March 1, 2008, was a Saturday so that the filing today is timely

Three dependent claims have been added, and no claim fee is due since the total number of claims is less than twenty.

If it is believed that a telephone conference would be helpful in the further prosecution of this application the Examiner is requested to call the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Harvey Kaye / DW Hines". The signature is fluid and cursive, with the first name and last name separated by a forward slash.

Burns & Levinson LLP
125 Summer Street
Boston, MA 02110

Harvey Kaye
(Reg. No. 18,978)
Counsel for Applicant

617-345-3000

Date: March 3, 2008